



Parameters to set up cloning operations

Snap Creator Framework

Zachary Wambold
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Several parameters are required to set up Snap Creator Server cloning operations.

Parameter	Setting	Description
NTAP_VOL_CLONE_RESERVE	none	file
volume	This is the space guarantee for a cloned volume.	NTAP_LUN_CLONE_RESERVATION
true	false	If set to true, space is reserved for the cloned LUNs if the cloneLun action is selected. Otherwise, space is not reserved.
NTAP_CLONE_IGROUP_MAP		<p>Specifies the storage system, source volume, and an IGROUP. The IGROUP is then mapped to cloned LUNs that reside in the source volume or cloned LUNs that reside in the volume clone (for example, controller1:src_volume1/igroup1,src_volume2/igroup1,src_volume3/igroup1;controller2:src_volume1/igroup2,src_volume2/igroup2,src_volume3/igroup2). Note:</p> <ul style="list-style-type: none">• LUN clones assume the same name as their parent volume or LUN and end with <code>_CLONE</code>; that is, if the volume is called <code>myvol</code>, the clone would be <code>myvol_CLONE</code>.• Volume clones start with <code>cl_</code> and end with <code>-YYYYMMDDHHMMSS</code>.
NTAP_CLONE_FOR_BACKUP	(Y	N)

Parameter	Setting	Description
If enabled, clones (volume and LUN) are created and then deleted after the other operations are complete. Otherwise, clones are deleted before the operations are complete. Note: If you are backing up clones to tape, this should be set to Y. If you are doing database refreshes, then you should set it to N.	NTAP_CLONE_SECONDARY	(Y
N)	If enabled, clones are created on the SnapMirror destination after the SnapMirror update is complete. Note: This setting should be used with NTAP_SNAPMIRROR_USE_SNAPSHOT, NTAP_SNAPMIRROR_WAIT, and NTAP_CLONE_SECONDARY_VOLUMES, and the cloneVol action.	NTAP_CLONE_SECONDARY_VOLUMES
	This is a mapping of primary or secondary storage systems and the secondary volumes. This is required so that Snap Creator can find the secondary volumes (for example, controller1:controller1-sec/vol1;controller1:controller1-sec/vol2).	NTAP_NUM_VOL_CLONES
	This is the number of volume clones you want to retain. This works similarly to the Snapshot copy retention policy. Note: This only works for volume clones that require a FlexClone license on the storage controller.	NTAP_NFS_EXPORT_HOST
Host IP	The host name or IP address where the clone should be exported. This is the host where you mount the clone volume by using NFS.	NTAP_NFS_EXPORT_ACCESS
root	read-write	read-only

Parameter	Setting	Description
<p>The host specified in NTAP_NFS_EXPORT_HOST receives access or permission to the clone volume.</p> <ul style="list-style-type: none"> • root Root access is granted. • read-only Read-only access is granted. • read-write Read/Write access is granted. 	NTAP_NFS_EXPORT_PERSISTENT	true
false	Determines whether NFS export is persistent. If true is selected, the clone volume is exported and the /etc/exports file on the storage controller is updated.	NTAP_CIFS_EXPORT_ENABLE
(Y	N)	Setting to share a cloned volume using CIFS.

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